

# LINAC COMMISSIONING FORM

24-Sep-2001

**Major Category :** DTL Tank 2-6

**Sub-Category :** Beam sub-category for DTL Tank 5

**Sub-System :** TOF Energy Centroid

**Objective:** Obtain output beam energy

**Requested by :** Jim Stovall (LANL) and Dong-o Jeon (SNS)

**Date Proposed :** January 2004

**Estimated Time to Complete :** 9 shifts

**Estimated Manpower to Complete :** 27 man-shifts

**Priority/Order:** low / 6

**Basic Equipment Needs :** Functioning components up to DTL Tank 4

**Special Equipment Needs :** None

**Software/Application needs :** T.B.D.

**Input Beam Requirements :** Beam up to 50 $\mu$ s pulse and up to full current

**Other prerequisites :** None

**Correlations Sought :** time-of-flight between BPMs

**Procedure:** Obtain output beam energy from time-of-flight measurement

**Supporting Computations :** None

**Problems Expected :** Calibration of BPM signals

**Comments:**

**Date Completed LANL:**

**Date Completed ORNL:**

**Results:**

**Problems Encountered:**